What is claimed is:

1. A method for operating a network connecting a plurality of processor cells that are already configured in a multiprocessor system with a plurality of links, comprising:

recognizing by software operating on at least one processor cell when a network operation can use a link of said plurality of links to implement a network operation; and

utilizing said link of said plurality of links to perform said network operation.

2. The method of claim 1, wherein said multiprocessor system is a symmetric multiprocessor system.

3. The method of claim 1, wherein said software is an operating system.

4. The method of claim 1, wherein said network is an Ethernet local area network.

5. The method of claim 1, wherein said multiprocessor system includes at least two processor cells interconnected in a configuration chosen from a group of configurations consisting of: a fully interconnected configuration, a cross-bar configuration, a mesh configuration, or a ring configuration.

6. The method of claim 5, wherein said step of recognizing comprises:

determining whether said link provides sufficient bandwidth to complete said network operation.

7. The method of claim 5, wherein said step of recognizing comprises:

choosing a second link from said plurality of links when a first link of said plurality of links does not provide sufficient bandwidth to perform said network operation.

8. The method of claim 1, wherein said step of utilizing comprises:

suspending said network operation when said link of said plurality of links is not providing sufficient bandwidth to perform said network operation; and

resuming said network operation when said link of said plurality of links provides sufficient bandwidth to perform said network operation.

9. The method of claim 1, further comprising:

suspending said network operation when said link of said plurality of links is not providing sufficient bandwidth to perform said network operation; and

performing said network operation on a second link of said plurality of links when said link is not providing sufficient bandwidth to perform said network operation.

10. A method for operating a network connecting a plurality of processor cells that are already configured in a multiprocessor system with a plurality of links, comprising:

installing software on at least one processor cell of said plurality of processor cells, wherein said software is aware of said plurality of links between said plurality of processor cells;

recognizing by said software when a network operation can use a link of said plurality of links to implement a network operation; and

utilizing said link of said plurality of links to perform said network operation.

11. The method of claim 10, wherein said multiprocessor system is a symmetric multiprocessor system.

12. The method of claim 10, wherein said software is an operating system.

13. The method of claim 10, wherein said network is an Ethernet local area network (LAN).

14. The method of claim 10, wherein said multiprocessor system includes at least two processor cells interconnected in a configuration chosen from a group of configurations consisting of: a fully interconnected configuration, a cross-bar configuration, a mesh configuration, or a ring configuration.

15. The method of claim 14, wherein said step of recognizing comprises:

determining whether said link provides sufficient bandwidth to perform said network operation.

16. The method of claim 14, wherein said step of recognizing comprises:

choosing a second link from said plurality of links when a first link of said plurality of links does not provide sufficient bandwidth to perform said network operation.

17. The method of claim 10, wherein said step of utilizing comprises:

suspending said network operation when said link of said plurality of links is not providing sufficient bandwidth; and

resuming said network operation when said link of said plurality of links provides sufficient bandwidth to perform said network operation.

18. The method of claim 10, further comprising:

suspending said network operation when said link of said plurality of links is not providing sufficient bandwidth; and

performing said network operation on a second link of said plurality of links when said link is not providing sufficient bandwidth to perform said network operation.

19. A network to perform a plurality of network operations, implemented on a multiprocessor system including a plurality of links to connect a plurality of processor cells, said network comprising:

a first module to recognize when a link of said plurality of links provides sufficient bandwidth to perform a network operation of said plurality of network operations; and

a second module to utilize said link to perform said network operation of said plurality of network operations.

20. The network of claim 19, wherein said multiprocessor system is a symmetric multiprocessor system.

21. The network of claim 19, wherein said network is an Ethernet LAN.

22. The network of claim 19, wherein said first module and said second module are implemented in an operating system.

23. The network of claim 22, wherein said operating system is installed on at least one processor cell of said plurality of processor cells.

24. The network of claim 19, wherein said multiprocessor system includes at least two processor cells interconnected in a configuration chosen from a group of configurations consisting of: a fully interconnected configuration, a cross-bar configuration, a mesh configuration, or a ring configuration.

25. The network of claim 19, wherein said first module comprises:

software to determine whether said link provides sufficient bandwidth to perform said network operation.

26. The network of claim 19, wherein said first module comprises:

software to choose a second link from said plurality of links when a first link of said plurality of links does not provide sufficient bandwidth to perform said network operation.

27. The network of claim 19, wherein said second module comprises:

software to suspend said network operation when said link of said plurality of links is not providing sufficient bandwidth; and

software to resume said network operation when said link of said plurality of links provides sufficient bandwidth to perform said network operation.

28. The network of claim 19, wherein said second module comprises:

software to suspend said network operation when said link of said plurality of links is not providing sufficient bandwidth; and

software to perform said network operation on a second link of said plurality of links when said link is not providing sufficient bandwidth to perform said network operation.